

Application Serial No: 10/608,379
Responsive to the Office Action mailed on: October 16, 2007

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IN THE CLAIMS

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A vehicle meter unit for receiving fault diagnostic information from systems, including an engine control system, an anti-lock braking system and an electric power steering system which have respective system CAN controllers forming a communications network in the vehicle and fault diagnostic functions, and displaying the information, said vehicle meter unit comprising:
a vehicle meter unit CAN controller for communicating with said systems; and
a control unit for, when an engine of the vehicle is stopped and an ignition switch has been turned on, transmitting via said vehicle meter unit CAN controller a command to perform fault diagnosis to said systems, causing said systems to transmit fault codes based on the command, and directing to display the fault codes.
2. (Currently Amended) A meter unit according to claim 1, wherein said system CAN controllers ~~of said system~~ have respective transmitting-receiving functions, and said vehicle meter unit CAN controller of said control unit is linked to the respective system CAN controllers ~~controller of said systems~~ by radio in the vehicle.
3. (Previously Presented) A meter unit according to claim 1, further comprising a liquid crystal display and a switch that are linked with the control unit such that the fault codes transmitted from the respective systems can be selectively displayed on the liquid crystal display using the switch under the control of the control unit, wherein the control unit has a diagnosis request transmitter for transmitting the command to perform the fault diagnosis to the systems when the switch has been solely pushed continuously for at least a predetermined period of time with the engine stopped and the ignition switch turned on.

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4. (New) A meter unit according to claim 3, wherein when plural fault codes are transmitted from the corresponding ones of the systems, the fault codes are displayed on the liquid crystal display sequentially one at a time when the switch is pushed.
5. (New) A meter unit according to claim 3, wherein when the switch has been solely pushed against for at least said predetermined period of time, the fault diagnosis is terminated.